

Title (en)

A driver assisting system and method for a motor vehicle

Title (de)

Fahrerassistenzsystem und -verfahren für ein Kraftfahrzeug

Title (fr)

Système d'assistance au conducteur et procédé pour véhicule à moteur

Publication

EP 2385482 B1 20160420 (EN)

Application

EP 10004750 A 20100505

Priority

EP 10004750 A 20100505

Abstract (en)

[origin: EP2385482A1] A driver assisting system (10) for a motor vehicle comprises an imaging means (11) adapted to record images of a region surrounding the motor vehicle, an object detection means (15) for detecting objects in the recorded images by image processing, an object processing means (16, 17) for applying further processing to objects detected in the recorded images, and a driver assisting means (18) controlled depending on the result of said object detection and object processing. The driver assisting system (10) comprises a detection performance estimating means (20) adapted to provide an estimation of the detection performance of said object detection means (15) using a result from said object processing means (16, 17).

IPC 8 full level

G06K 9/00 (2006.01)

CPC (source: EP)

G06V 20/58 (2022.01)

Citation (examination)

- US 2007203617 A1 20070830 - HAUG KARSTEN [DE]
- EP 1569160 A2 20050831 - TRW AUTOMOTIVE US LLC [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2385482 A1 20111109; EP 2385482 B1 20160420; WO 2011139211 A1 20111110

DOCDB simple family (application)

EP 10004750 A 20100505; SE 2011050494 W 20110421